

2010-2011 Maryland Hospital Healthcare Worker Influenza Vaccination Survey

Presentation to the Maryland Health Care Commission

(Revised August 8, 2011)

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Presentation Overview

- The Hospital HCW Vaccination Survey Protocol
- 2010-2011 HCW Vaccination Survey Results
- Hospital HCW Vaccination Policies and Practices
- Preliminary Results of Ambulatory Surgery Centers HCW Vaccination Survey
- Wrap Up

The 2010-2011 Hospital Survey

- 2nd Annual Survey of Maryland Hospitals
- Web-based Survey
- Developed with Guidance from the HAI Advisory Committee
- Consists of Five Questions
 - 1) **Numerator**: Number of paid full-time and part-time hospital employees and house staff (defined as residents and interns) who RECEIVED FluMist® or a flu shot onsite or offsite between September 1, 2010 and April 15, 2011.
 - 2) **Denominator**: Total number of paid full-time and part-time hospital employees and house staff as of the last day of each reporting period month
 - (**Data Limitation**: Denominator data may reflect fluctuations in staffing patterns over time.)

The 2010-2011 Hospital Survey

Five Survey Questions (continued)

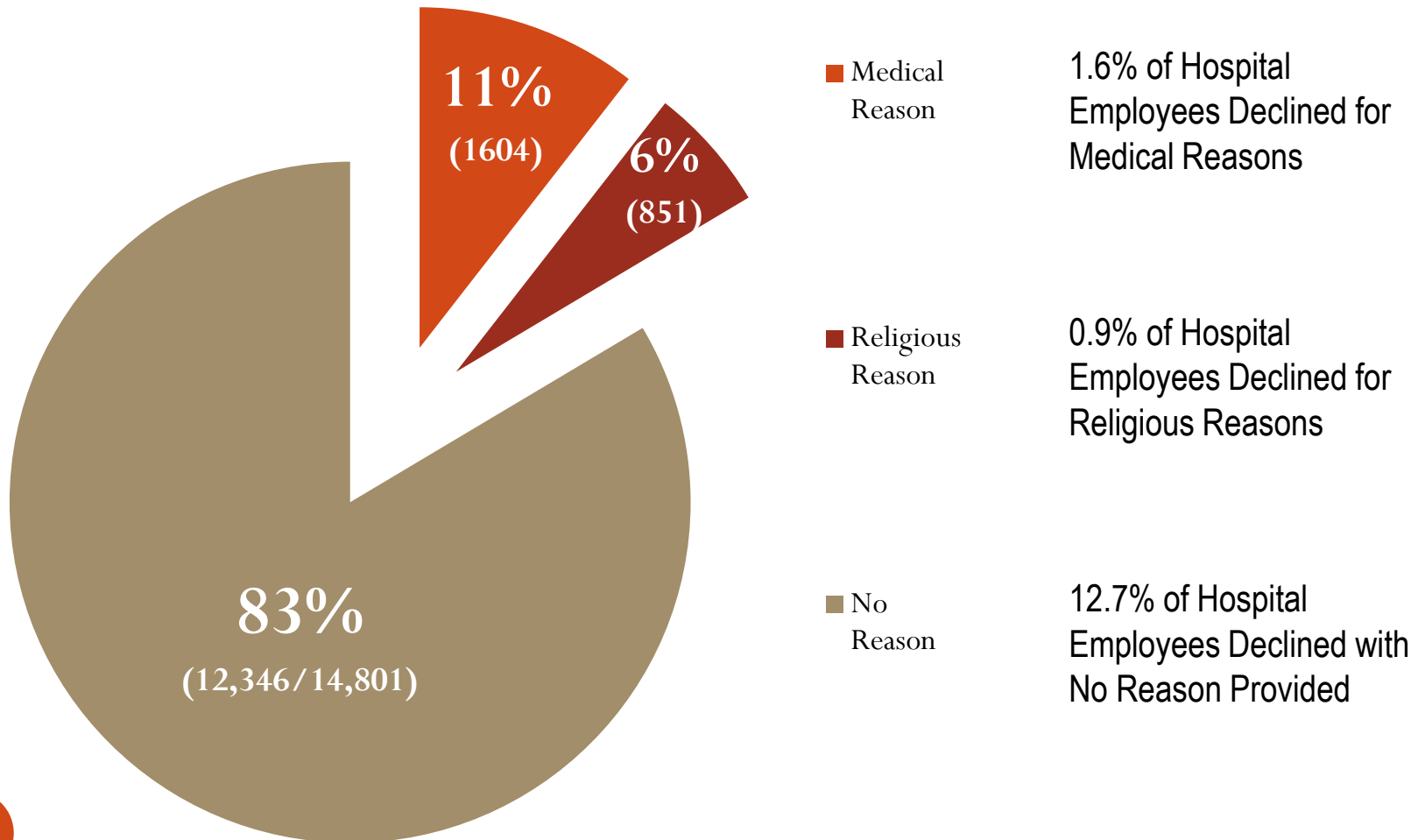
- 3) Number of full-time and part-time hospital employees and house staff (defined as residents and interns) who did not receive FluMist® or an influenza shot on-site or off-site between September 1, 2010 and April 15, 2011 due to **medical contraindications** (including a severe egg allergy, severe allergy to any vaccine component, severe reaction after a previous dose of influenza vaccine, or a history of Guillain-Barre Syndrome)
- 4) Number of full-time and part-time hospital employees and house staff (defined as residents and interns) who did not receive FluMist® or an influenza shot on-site or off-site between September 1, 2010 and April 15, 2011 due to **religious objections**
- 5) Number of full-time and part-time hospital employees and house staff (defined as residents and interns) who did not receive FluMist® or an influenza shot on-site or off-site between September 1, 2010 and April 15, 2011 due to **other objections**

Hospital Survey Results Overview:

Statewide Stats	2009-10	2010-11
Vaccination Rate	78.1%	81.4%
Top 10 Average Rate	82.6%	99.4%
Bottom 10 Average Rate	64.4%	57.7%
Declination Rate	12.1%	15.2%
Declined for Medical Reasons	3.1%	1.6%
Declined for Religious Reasons	0.5%	0.9%

Hospital Survey Results:

Reasons for Vaccine Declination among HCWs



Hospital HCW Vaccination Policies and Practices

- Survey of Hospital HCW Vaccination Policies
 - Developed with assistance of Hopkins-PHASE Intern
 - Web-based Survey Comprised of 12 Questions
 - Designed to gain better understanding of hospital practices
 - Measure vaccination promotion activities (4)
 - Collect data on documentation requirements (3)
 - Identify Mandatory Vaccination Programs and Protocol (3)
 - Identify Data Sources for employee count (2)

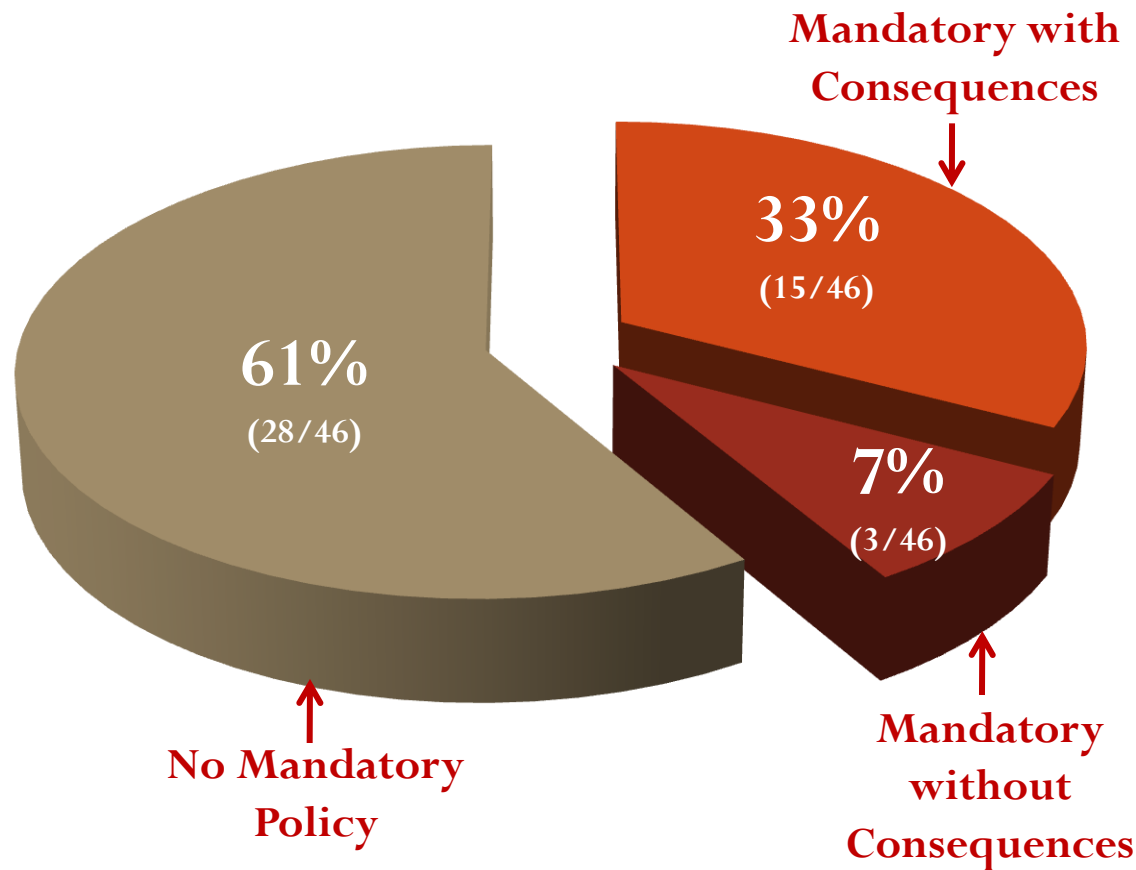
Hospital HCW Vaccination Policies and Practices

Survey Results

- All hospitals provide vaccinations free of charge and on-site to employees
- All hospitals maintain documentation on employee on-site vaccination status
- 86% maintain documentation on off-site employee vaccination, but only 67% require proof
- 18 hospitals reported mandatory employee vaccination policies, but only 15 reported consequences associated with those policies

Hospital Survey Results:

2010-11 Influenza Vaccination Policies



15 Hospitals include:

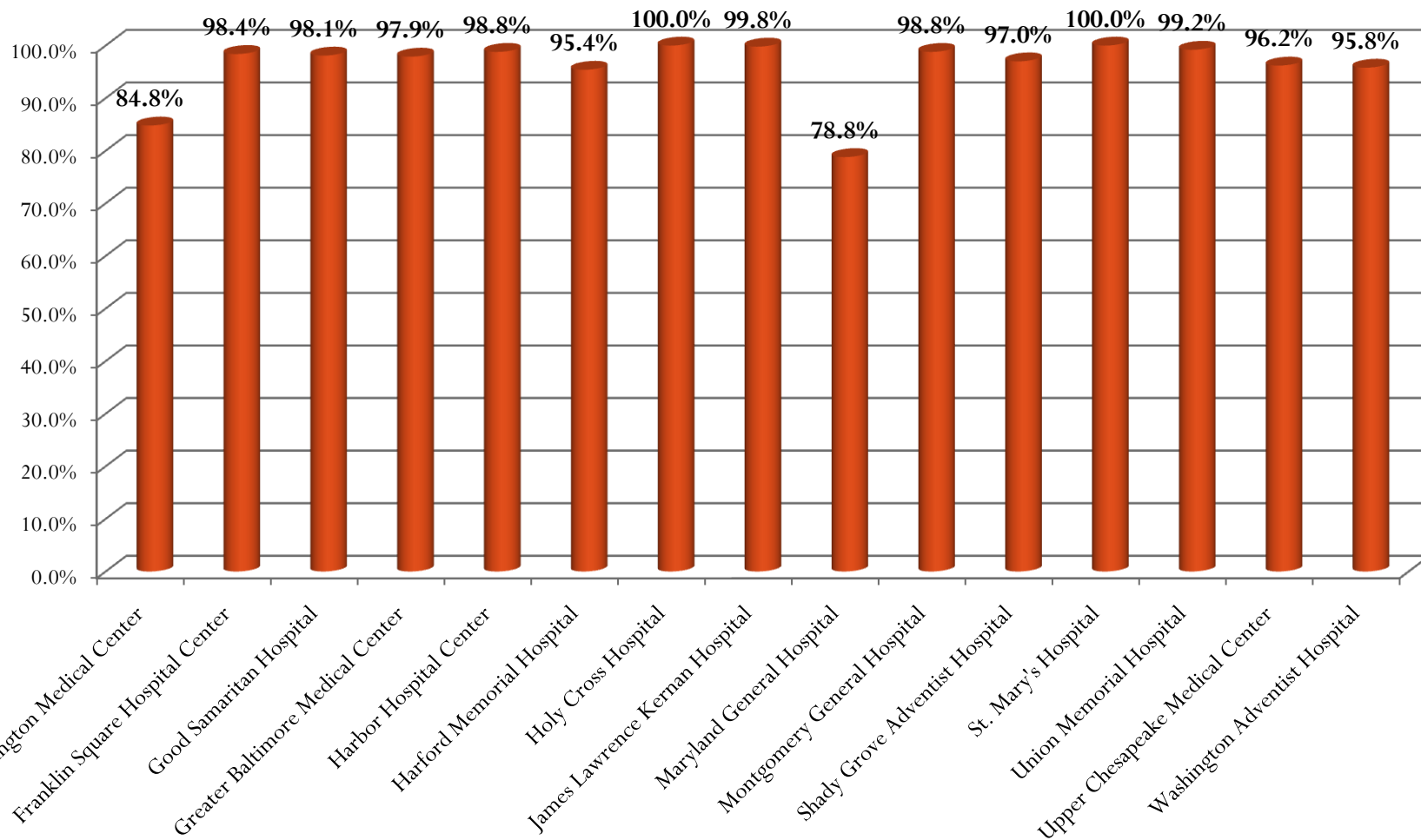
- BWMC, Franklin Sq, GBMC, Good Sam, Harbor, Harford Memorial, Holy Cross, Kernan, Maryland Gen, Montgomery Gen, Shady Grove, St Mary's, Union Memorial, Upper Chesapeake, Washington Adventist

Consequences include:

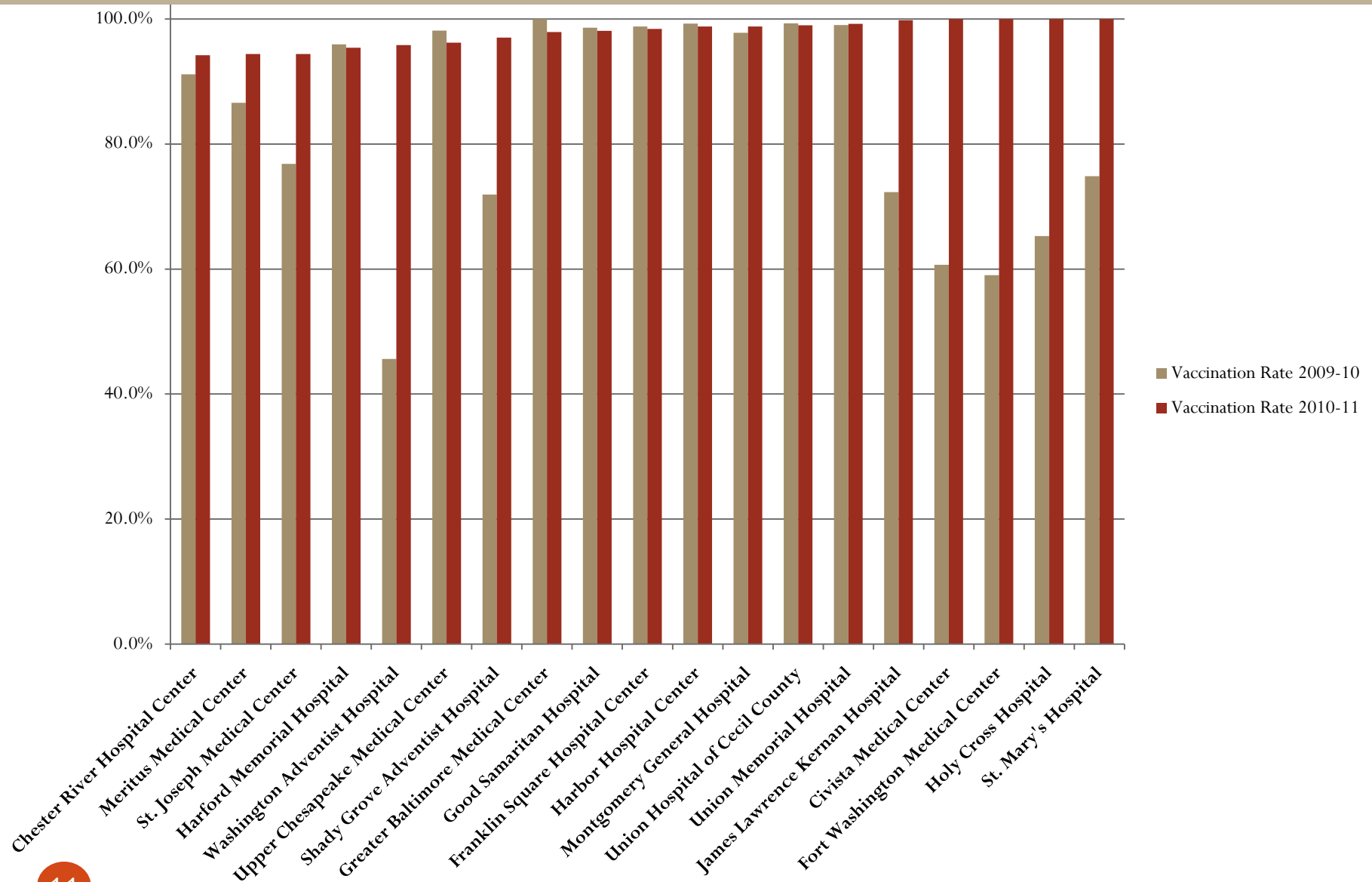
- Suspend privileges (12/15)
- Terminate if declined other than for medical reason (6/15)
- Terminate if a valid declination form was not completed (3/15)

Hospitals with Mandatory Vaccination Policies:

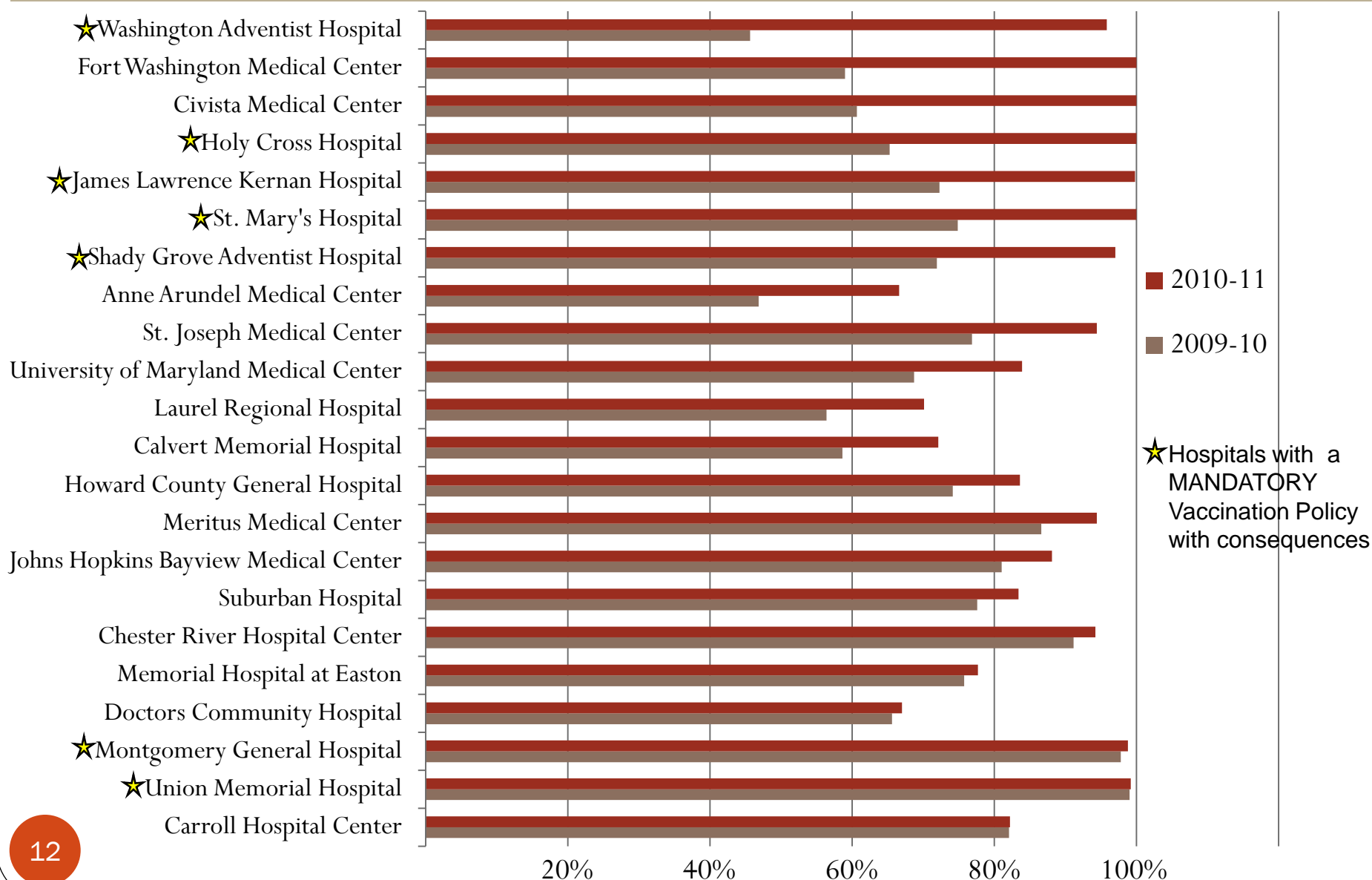
Vaccination Rate 2010-2011



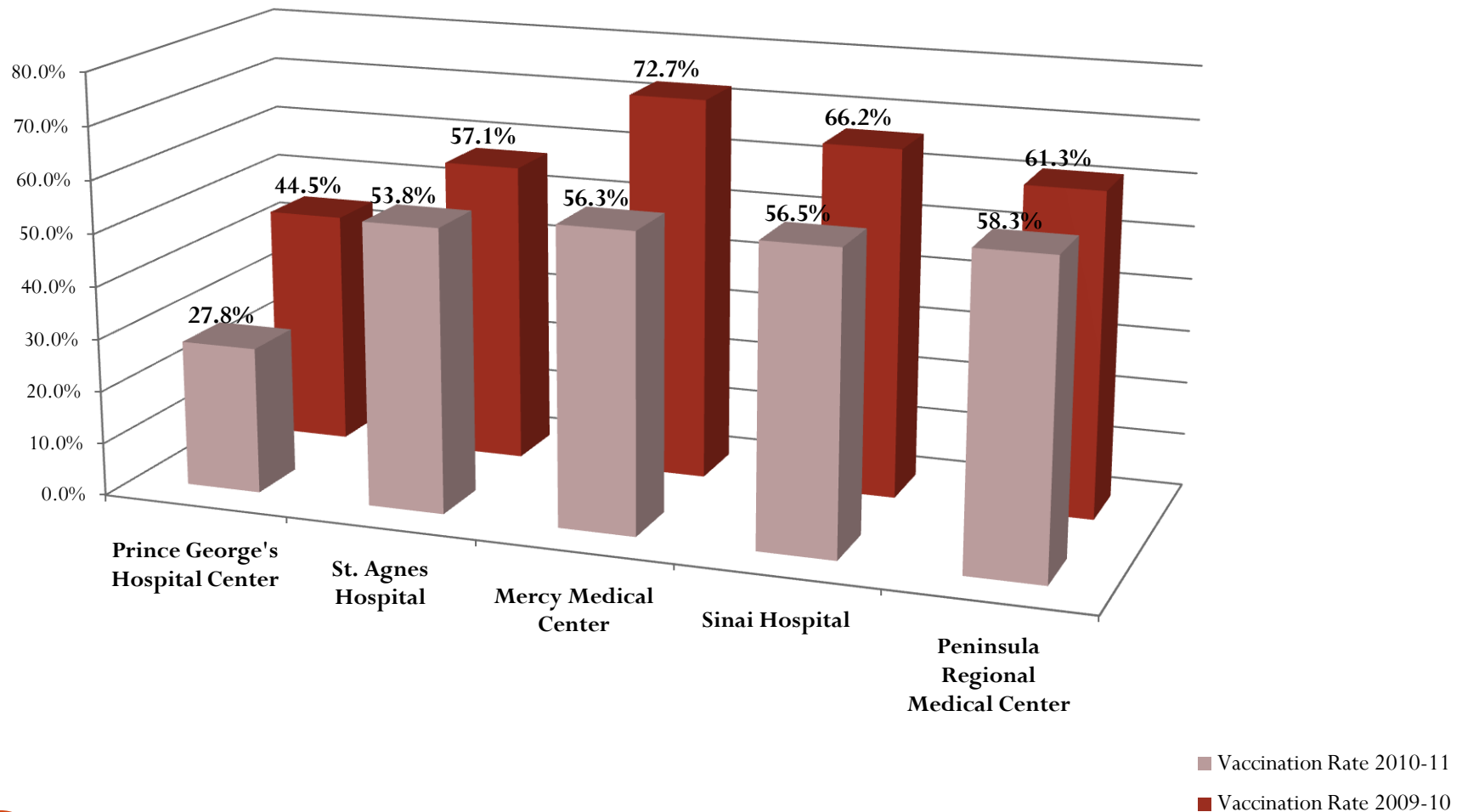
Hospitals with a 90% Vaccination Rate or ABOVE:



22 Hospitals with Improved Vaccination Rate:



Hospitals with Vaccination Rate BELOW 60%:



Annual Freestanding Ambulatory Surgery Center Survey Results Overview:

Statewide Stats	2009-10	2010-11*
Freestanding ASCs	70.2% (234/333)	87.1% (316/331)
Vaccination Rate	69.4%	56.4%
Number Vaccinated	1621	1672
Total Workers	2336	2960

*ASC statistics based on preliminary data from Annual Freestanding ASC Survey

Comparison of 2010-2011 HCW Vaccination Rates: Hospitals and Ambulatory Surgery Centers*

*ASC statistics based on preliminary data from Annual Freestanding ASC Survey

Statewide Stats	Hospitals	ASCs
Number of Facilities	46	(316 of 331)
Vaccination Rate	81.4%	56.4%
Top 10 Average Rate	99.4%	100%
Number of Employees Vaccinated	79,504	1,672
Number of Employees	97,639	2,960
Average Declination Rate	15.2%	33.6%

Wrap Up:

- 2010-2011 Survey results posted to the Hospital Performance Evaluation Guide
- Survey protocol used by DHMH for assessment of LHDs employee vaccination rates
- Special thanks to the following MHCC staff for their contribution to this project:

Evanson Mukira

Kendall Kodey

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Christine Parent

Scharmaine Robinson

Thank you!

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